



# Mouse Anti-Human IL-20 monoclonal antibody, clone NN14 (CABT-ZB857)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	It reacts with Human IL-20
<b>Target</b>	IL20
<b>Immunogen</b>	Recombinant Human interleukin-20 Protein
<b>Isotype</b>	IgG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	NN14
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, ELISA(det) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB470 - CABT-ZB857 This antibody will detect IL-20 in antibody pair set. [ABPR-ZB045]
<b>Preparation</b>	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human interleukin-20. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	Lot specific

<b>Size</b>	100 µL, 200 µL
<b>Buffer</b>	PBS
<b>Preservative</b>	None
<b>Storage</b>	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
<b>Ship</b>	Wet ice

## BACKGROUND

**Introduction** IL20/Interleukin-20 belongs to the IL-10 family. It is a cytokine structurally related to interleukin 10. IL20/Interleukin-20 can be detected in skin, trachea, and other tissues. It is produced by activated keratinocytes and monocytes and transmits an intracellular signal through two distinct cell-surface receptor complexes on keratinocytes and other epithelial cells. It has been shown that interleukin-20 transduces its signal through signal transducer and activator of transcription 3 (STAT3) in keratinocytes. It may be involved in epidermal function and psoriasis. It also regulates the proliferation and differentiation of keratinocytes during inflammation, particularly inflammation associated with the skin. Also, IL20/Interleukin-20 also causes cell expansion of multipotential hematopoietic progenitor cells. A specific receptor for this cytokine is found to be expressed in skin and upregulated dramatically in psoriatic skin, suggesting a role for this protein in epidermal function and psoriasis.

**Keywords** IL20RA; Interleukin 20 receptor subunit alpha; CRF2-8; IL-20R1

## GENE INFORMATION

**Synonyms** IL20RA; Interleukin 20 receptor subunit alpha; CRF2-8; IL-20R1; IL-20RA; IL-20R-alpha

**Entrez Gene ID** [53832](#)

**UniProt ID** [Q9UHF4](#)